

REMARKS

Claims 1-3, 8 and 10-25 are presented for examination.

Applicants' attorneys wish to thank the Examiner for the courtesy of conducting a telephone interview on November 15, 2001, during which proposed amendments to claim 1 were discussed. The Examiner indicated that the proposed amendments could not be entered, since they raised new issues.

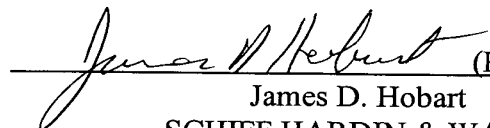
By this amendment, claim 1 has been amended to incorporate the changes proposed during the interview and to also correct the symbol for cerium by changing "CE" to "Ce". In addition, claim 25 has been added to recite the material of the insulating layer. The changes to claim are all shown in the marked-up version attached as an Appendix, with insertions being underlined and with deletions being in brackets.

As pointed out during the interview, neither Rigney nor Olson et al teach or suggest applying a heat insulating layer on the adhesive layer. It is noted that the layer being formed by these two references is the outer layer and is not an adhesion layer. It is respectfully submitted that by adding the step of applying a heat insulating layer on the adhesion layer, the significance and use of the adhesion layer has been brought forth in the claim and it is submitted that neither Olson et al nor Rigney, either alone or in combination, teaches or suggests the entire method recited in claim 1. Therefore, claim 1 is clearly patentable over the references and are allowable.

The dependent claims are also patentable for the reasons that claim 1 is patentable and, in addition, these claims add additional features which are not taught by the combination, for example, the particular range of grain size, such as recited in claims 3 and 17.

For the above reasons, it is respectfully submitted that claims 1-3, 8 and 10-25 are patentable over the prior art of record and are allowable.

Respectfully submitted,



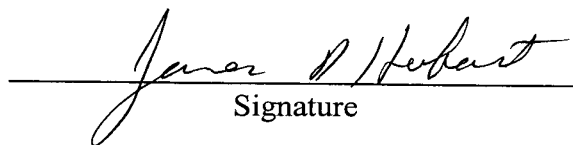
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DATED: December 12, 2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on December 12, 2001.

James D. Hobart
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Signature

December 12, 2001
Date



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JAN 14 2002
TC 1700

Version with markings to show changes made.

IN THE CLAIMS:

--1. (Amended) Method for manufacturing an adhesion layer for a heat insulating layer that is applied onto a component part, the method comprising the steps:

- a) producing a slip by mixing powders containing at least one of the elements Cr, Ni or [CE] Ce with a binding agent;
- b) applying the slip onto the component part;
- c) drying the slip at temperatures from room temperature through 300°C; [and]
- d) alitizing the slip layer to form the adhesion layer, whereby the method is controlled so that the adhesion layer comprises a structure having a grain size less than 75μm and a cavity proportion from 0 through 40%; and
- e) applying a heat insulating layer on the adhesive layer.--